

NORTH KESTEVEN
RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE
**MEDICAL OFFICER OF HEALTH
AND SANITARY INSPECTOR**

FOR THE YEAR

1941

LINCOLN :
DONCASTERS LTD., MINT LANE





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NORTH KESTEVEN RURAL DISTRICT COUNCIL.

Chairman : MR. L. E. ALLBONES, Stragglethorpe.

Vice-Chairman : MR. J. COLTON HALL, 11 South Park, Lincoln.

Treasurer : NATIONAL PROVINCIAL BANK LIMITED, Lincoln.

Medical Officer of Health : DR. W. SHARRARD, The Avenue, Lincoln.

Clerk : MR. ROBERT EPTON, Solicitor, Lincoln.

Deputy Clerk : MR. WILLIAM EPTON, Solicitor, Lincoln. (*On Service*).

Financial Officer : MR. F. FOSTER,

Rating and Valuation Officer :

MR. A. ELKINGTON,

Surveyor and Sanitary Inspector :

MR. J. CHADWICK,

Assistant Surveyor & Sanitary Inspector :

MR. J. K. M. WILLIS.

Council Offices :

31 Clasketgate, Lincoln,

Telephone No. 8617.

Pumping Station, Waneham Bridge,
Metheringham.

The Chairman and Vice-Chairman act as *ex-officio* members of all Committees and Sub-Committees of the Council (except the Rating Committee).

Mr. Chairman, Ladies and Gentlemen.

As your Medical Officer of Health, I beg to lay before you my report of the Health and Sanitary conditions of your District for the year ending 31st December, 1941. This must be abridged as directed by the Ministry of Health.

Statistics and Social Conditions of the Area.

Area (acres)	...	...	...	...	...	...	102,178
Population, 1941	...	...	...	...	...	...	22,230
1940	...	...	...	...	...	...	21,650
Number of Inhabited Houses, 1921	...	...	...	...	...	...	3,825
" " " 1940	...	...	...	...	...	...	6,290
" " " 1941	...	...	...	...	...	...	6,267
Number of families or separate occupiers, 1921	...	...	...	...	...	...	4,301
" " " " 1931	...	...	...	...	...	...	4,931
Rateable Value (31st Dec., 1941)	...	...	...	...	...	£98,146 (+ 15,361)	
Sum represented by a penny rate	...	...	...	...	...	£404/1/4 (+54/11/5)	

The usual pursuits were carried on in the District.

VITAL STATISTICS.

	Total	M.	F.	
Live Births—Legitimate	324	156	168	Birth Rate 15.5.
Illegitimate	20	6	14	
Still Births	20	16	4	Rate per 1,000
				Total Births 55
Deaths	228	123	105	Death Rate 10.26
Number of women dying in, or in consequence of, childbirth	...	...	...	{ from sepsis 0
				{ from other causes 0

Deaths of Infants under one year of age per 1,000 births :—Total	40·7.
Deaths from Measles (all ages)	0
Deaths from Whooping Cough (all ages)	0
Deaths from Diarrhoea (under 2 years of age) ...	2

Pneumonia was accountable for 2·2% of the deaths. Cancer 12·3%.
Heart Disease 22·8%. Tuberculosis, respiratory, 2·7. Influenza, 1·3%.

Infantile mortality is well below that for England and Wales.

GENERAL PROVISION of the HEALTH SERVICES in the AREA.

These are substantially the same as in the year previous.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply.

The Council's water mains have been extended a further distance of 7,050 yards during the year. 75 new connections have been made for consumers. The consumption which has increased by 80% during the year has caused much concern, but the Water Undertaking has stood up well to the increased demands, and a further Scheme is under consideration for an increased source of supply. The purity of the water is very closely watched and during the year 32 samples have been taken from the public supplies. On the hint of any suspicion of impurity the Chlorinators are adjusted to give the desired result.

Our new Booster Station has been erected during the year which is giving good results to a particular part of the area.

Slaughterhouses.

With the exception of Horses, all cattle are killed at the City Abattoir.

Two Slaughterhouses are registered for the killing of horses for human consumption, and all animals are inspected before removal.

The premises are modern and well maintained.

Sewerage.

No improvements have taken place to existing works, except in one Parish where a new electric Pumping Plant has been installed in place of an old gas engine plant. Also in this particular Parish 60 yards of 9" sewer has been relaid owing to subsidence. The whole of the work is giving satisfaction.

Scavenging.

The Scavenging in the Parishes let by Contract, and mentioned in my last Report have for some time given increased satisfaction. Facilities in many Parishes give much concern owing to increased population, acute scarcity of labour, and other causes. It is gratifying to record that people are helping more in the disposal of non-essential waste.

Salvage.

The following has been collected and disposed of by the Council during the year under the control of your Sanitary Inspector.

		Tons.	Cwts.	Qrts.
Paper	... ..	69	3	0
Textiles	... ..	—	4	2
Bones	... ..	3	18	2
Iron and other metal		37	9	2
Lead	... ..	8	15	0
Tins	... ..	1	16	0
TOTAL ...		121	6	2

HOUSING.

10 Council houses were completed and occupied during the year. These were held up a considerable time owing to the failure of the Contractor to carry out the work. Difficulties arose for your Building Surveyor who had to complete the work which was done at a cost not exceeding the original contract price.

Under difficulties, good work has been done under Secs. 17, 18, and 23 of the Housing Act, 1936. Licenses were granted for a limited period to various Owners in respect of 10 condemned houses to re-let owing to the acute shortage.

Section 9.

Notices served in respect of 12 houses not having been complied with, the work was carried out by the Council in default at a cost of £250.

Public Health Act, 1936.

One License only was granted under Sec. 269, allowing a site for a moveable dwelling.

The district is remarkably free from this type of abode.

Decontamination of Gassed Foodstuffs.

Suitable premises have been adapted and necessary equipment provided which have been approved by the Ministry of Food.

SANITARY INSPECTIONS OF THE AREA.

During the year Inspections have been made as follows :—

Slaughterhouses	... ..	170
Butchers' Shops	... ..	36
Food Preparing Premises	... ..	72
Bakehouses	... ..	46
Workshops	... ..	12
Drains tested	... ..	30
Housing Inspections	... ..	144
Inspections on complaint	... ..	30

Inspections, <i>re</i> Nuisances	...	...	...	...	...	48
Cowsheds	...	...	...	...	...	51
Dairies and Milkshops	...	...	...	...	...	49
Offensive Trades	...	...	...	...	...	5
Infectious Diseases	...	...	...	...	...	21
Houses disinfected	...	...	...	...	...	15
Water samples taken	...	...	...	...	...	32
Water connections	...	...	...	...	...	75
Visits to Council Houses	...	...	...	...	...	104
Overcrowding cases	...	...	...	...	...	7
Sewerage Works	...	...	...	...	...	19

Pasteurised Milk.

One supplementary licence was granted.

Statutory Notices. Housing Acts, 2. Public Health Acts, 9.

Petroleum Licenses issued, 55.

Food Preparing Premises (See 14. Food & Drugs Act, 1938), 13.

Food Condemned.

During the year 170 carcasses have been inspected and the following parts condemned :—

6 Livers	...	...	...	...	Abcesses
1 Liver	...	...	...	...	Cirrhosis
2 Livers	...	...	...	...	Nematodes
3 Hind Quarters	...	...	...	...	Synovitis and bruising
Horseflesh	...	...	...	...	7½ stones
Offals	...	...	...	...	15 stones

INSPECTION AND SUPERVISION OF FOOD.

The year has again been full of difficulties for your Sanitary Inspector's Staff. Calling up of certain Staff and workmen has enhanced these difficulties and it is nearly impossible to replace them in a District such as ours owing to the length of time it takes to get used to such an area, and the difficult nature of the work involved. Difficulties of labour in the building trades, combined with, in some cases the impossibility of obtaining necessary materials for housing repairs seriously impedes work under the Housing Acts particularly

Food preparing premises are carefully supervised and our advice is often sought regarding doubtful foodstuffs.

Notifiable Diseases (other than Tuberculosis).

DISEASES	TOTAL CASES NOTIFIED	CASES ADMITTED TO HOSPITAL	TOTAL DEATHS
Small Pox	—	—	—
Scarlet Fever	5	2	—
Diphtheria	1	1	—
Enteric Fever (Paratyphoid)	1	—	—
Puerperal Pyrexia	2	—	1
Pneumonia	13	2	5
Encephalitis Lethargica	—	—	—
Ophthalmia Neonatorum	1	—	—
Erysipelas	1	—	—
Acute Polio-Myelitis	8	4	—
Cerebro Spinal Fever	4	4	1
Measles	42	—	—
Whooping Cough	60	—	—

TUBERCULOSIS.—New Cases in 1941.

AGE PERIOD	NEW CASES			
	PULMONARY		NON-PULMONARY	
	MALE	FEMALE	MALE	FEMALE
Under 1 year				
Over 1 „			2	
„ 5 „			2	2
„ 15 „	2		1	1
„ 25 „	5	3	2	2
„ 35 „	7	1		
„ 45 „	3			
„ 50 „				
55 and upwards	1			
TOTAL ...	18	4	7	5

This includes some non-civilians admitted to Hospital.

GENERAL REMARKS.

Infectious Diseases.

We have passed through another trying year of war with results that are far more gratifying than we could ever have hoped, and no serious epidemics of any proportion occurred.

Diphtheria Immunisation.

The District is slowly becoming "Immunisation conscious." Up to the end of 1941 we had a percentage immunised of 22·24% under 5 years of age and 58·04% over 5 years of age. This is a good beginning, but we must have 95—100%, and particularly in the 1—5 group. This will come if Councillors, Teachers, District Nurses, as well as local practitioners are active missionaries for this great cause.

The question of "N. Hykeham sewage is ever before me." Fate is kind. May it continue so, lest grave tragedy befall.

The District, always busy, has been a veritable hive of industry, and your Inspector has had his hands full to cope with his many duties.

I wish once again to welcome Mr. J. K. M. Willis, as Assistant Surveyor and Sanitary Inspector.

In spite of a most wonderful job of work done by Lord Woolton in the feeding of our people, I would like to stress that extra care and attention must be given to our adolescents, particularly in the matter of vitamins, and "body and blood builders" in food, as the margin in my opinion is very finely drawn.

Once more with my best thanks to Mr. Chadwick for his continued good work,

I have the honour to be,

Your obedient servant,

W. SHARRARD.

APPENDIX I.

CAUSES OF DEATH.

	M	F		M	F
1 Typhoid and para-typhoid fevers ...			18 Bronchitis	13	4
2 Cerebro-spinal fever		1	19 Pneumonia (all forms)	4	1
3 Scarlet fever ...			20 Other respiratory diseases		1
4 Whooping cough ...			21 Ulcer of Stomach or duodenum... ..	1	
5 Diphtheria			25 Diarrhoea, etc (under 2 years)	1	1
6 Tuberculosis of respiratory system ...	3	3	26 Appendicitis ...	2	1
7 Other tuberculosis diseases	2		27 Other digestive diseases	3	3
8 Syphilis	1		28 Acute and chronic nephritis		1
9 Influenza	2	1	29 Puerperal sepsis ...		
10 Measles			30 Other puerperal diseases		1
11 Ac: polio-myel and polio-enceph. ...			31 Congenital debility, premature birth, malformations, etc.	3	6
12 Ac: inf. enceph. ...			32 Suicide	1	1
13 Cancer, malignant disease	15	13	33 Road Traffic Accident	5	
14 Diabetes	1	2	34 Other violence ...	4	2
15 Cerebral hæmorrhage, etc.	13	21	35 All other causes ...	22	14
16 Heart disease ...	23	29	All causes	123	105
17 Other circulatory diseases	2	1			

	M.	F.
Deaths of Infants under 1 year :—Total ...	7	7
Legitimate	7	6
Illegitimate	0	1

Live Births—	For I.M.		For B. rate.	
	M.	F.	M.	F.
Total	163	184	163	182
Legitimate	157	170	156	168
Illegitimate	6	14	6	14

Stillbirths—Total	16	4
Legitimate	16	4
Illegitimate	0	0

Population	22,230
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APPENDIX II

BIRTH-RATES, DEATH-RATES, AND ANALYSIS OF MORTALITY DURING THE YEAR 1941.

	Birth Rate per 1,000 Total population		Annual Death-rate per 1,000 Population								Rate per live 1,000 Births	
	Live Births	Still-births	All Causes	Typhoid and Para-Typhoid Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Diarrhoea and Enteritis (under 2 years)	Total Deaths under 1 year
England and Wales	14.2	0.51	12.9	0.00	0.00	.03	.00	.06	.07	.19	5.1	59
126 County Boroughs and Great Towns, including London ...	14.7	0.58	14.9	0.00	0.00	.03	.00	.07	.08	.17	7.5	71
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931)	16.4	0.60	13.	0.00	0.00	.03	.01	.06	.06	0.20	4.6	56
London	8.9	0.33	16.3	0.01	0.00	.02	.00	.04	.03	0.15	6.8	68
NORTH KESTIVEN	15.5	0.9	10.26	0.00	0.00	0.00	0.00	0.00	0.00	0.13	5.8	40.7



